IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application ø

January 11

Atty Dkt. 620-70

C# M#

Date: September 17, 2001

BROWN et al

Group Art Unit: 1632

Serial No. 09/117,218

Examiner: Nguyen, Q.

Filed: Title:

TREATMENT OF NON-NEURONAL CANCER

SEP 1 7 2001

USING HSV MUTANT

**Assistant Commissioner for Patents** 

Washington, DC 20231

Sir:

RESPONSE/AMENDMENT/LETTER

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other

signature thereon.								
Fees are attached as	s calcul	ated below:						
Total effective claims	after am	endment (	0	minus	highes	st ni	ımber	
previously paid for	20	(at least 20)	=	0	X	\$	18.00	\$ 0.00
Independent claims a	fter ame	ndment (	0	minus	highes	st nu	ımber	
previously paid for	3	(at least 3) =		0	X	\$	80.00	\$ 0.00
If proper multiple depe	endent c	laims now added	d for	first ti	me, ad	d \$2	70.00 (ignore improper)	\$ 0.00
Petition is hereby mad	de to ext	end the current o	due	date s	o as to	cov	er the filing date of this	
paper and attachment(s) (\$110.00/1 month; \$390.00/2 months; \$890.00/3 months)				\$ 890.00				

First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$710.00)	\$ 0.00
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Please enter the previously unentered , filed Submission attached

Terminal disclaimer enclosed, add \$ 110.00

If "small entity " then enter half (1/2) of subtotal and subtract	-\$	0.00

☐ Applicant claims "small entity" status. ☐ Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee (\$180.00) \$ 0.00

Assignment Recording Fee (\$40.00) \$ 0.00

Other: **0.00** 

The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

1100 North Glebe Road, 8<sup>th</sup> Floor Arlington, Virginia 22201-4714 Telephone: (703) 816-4000 Facsimile: (703) 816-4100

BJS:eaw

100

NIXON & VANDERHYE P.C.

By Atty: B. J. Sadoff, Reg. No. 36,663

Signature:

\$

\$

Subtotal

**TOTAL FEE ENCLOSED** 

0.00

890.00

890.00

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For:

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Assistant Commissioner for Patents Washington, DC 20231

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## <u>AMENDMENT</u>

Responsive to the Official Action dated March 15, 2001, entry and consideration of the following amendments and remarks are requested; the period for response having been extended up to and including September 15, 2001, by submission of the requisite petition and fee, attached.

## IN THE CLAIMS

Amend the claims as follows:

13. (Amended) A method of treating a non-neuronal cancer in a mammal, said method comprising the step of injecting a mammal intratumorally with an effective amount of a mutant herpes simplex virus which has been modified in the  $\gamma$ 34.5 gene such that the gene is non-functional , and wherein the mutant virus infects, replicates

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